

Françoise H Routier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5823717/publications.pdf>

Version: 2024-02-01

31
papers

1,149
citations

394421

19
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

1368
citing authors

#	ARTICLE	IF	CITATIONS
1	Contribution of Galactofuranose to the Virulence of the Opportunistic Pathogen <i>Aspergillus fumigatus</i> . <i>Eukaryotic Cell</i> , 2008, 7, 1268-1277.	3.4	144
2	Galactofuranose in eukaryotes: aspects of biosynthesis and functional impact. <i>Glycobiology</i> , 2012, 22, 456-469.	2.5	126
3	The Human Solute Carrier Gene SLC35B4 Encodes a Bifunctional Nucleotide Sugar Transporter with Specificity for UDP-Xylose and UDP-N-Acetylglucosamine. <i>Journal of Biological Chemistry</i> , 2005, 280, 27230-27235.	3.4	100
4	Targeted Gene Deletion of <i>Leishmania major</i> UDP-galactopyranose Mutase Leads to Attenuated Virulence. <i>Journal of Biological Chemistry</i> , 2007, 282, 10498-10505.	3.4	66
5	Identification and partial characterization of two eukaryotic UDP-galactopyranose mutases. <i>Biological Chemistry</i> , 2005, 386, 657-61.	2.5	60
6	Biosynthesis of the Fungal Cell Wall Polysaccharide Galactomannan Requires Intraluminal GDP-mannose. <i>Journal of Biological Chemistry</i> , 2012, 287, 44418-44424.	3.4	59
7	A Single UDP-galactofuranose Transporter Is Required for Galactofuranosylation in <i>Aspergillus fumigatus</i> . <i>Journal of Biological Chemistry</i> , 2009, 284, 33859-33868.	3.4	58
8	<i>Leishmania</i> UDP-sugar Pyrophosphorylase. <i>Journal of Biological Chemistry</i> , 2010, 285, 878-887.	3.4	52
9	The yeast oligosaccharyltransferase complex can be replaced by STT3 from <i>Leishmania major</i> . <i>Glycobiology</i> , 2008, 19, 160-171.	2.5	49
10	Parasite Glycobiology: A Bittersweet Symphony. <i>PLoS Pathogens</i> , 2015, 11, e1005169.	4.7	40
11	Approaching the Secrets of N-Glycosylation in <i>Aspergillus fumigatus</i> : Characterization of the AfOch1 Protein. <i>PLoS ONE</i> , 2010, 5, e15729.	2.5	39
12	Structural Basis for the Broad Substrate Range of the UDP-Sugar Pyrophosphorylase from <i>Leishmania major</i> . <i>Journal of Molecular Biology</i> , 2011, 405, 461-478.	4.2	36
13	Studies on galactofuranose-containing glycostructures of the pathogenic mold <i>Aspergillus fumigatus</i> . <i>International Journal of Medical Microbiology</i> , 2011, 301, 523-530.	3.6	30
14	Apicomplexan C-Mannosyltransferases Modify Thrombospondin Type I-containing Adhesins of the TRAP Family. <i>Glycobiology</i> , 2018, 28, 333-343.	2.5	28
15	Membrane Topological Model of Glycosyltransferases of the GT-C Superfamily. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4842.	4.1	28
16	Protein O- and C-Glycosylation pathways in <i>Toxoplasma gondii</i> and <i>Plasmodium falciparum</i> . <i>Parasitology</i> , 2019, 146, 1755-1766.	1.5	28
17	O-Fucosylation of thrombospondin-like repeats is required for processing of microneme protein 2 and for efficient host cell invasion by <i>Toxoplasma gondii</i> tachyzoites. <i>Journal of Biological Chemistry</i> , 2019, 294, 1967-1983.	3.4	27
18	Catalytic Mechanism and Allosteric Regulation of UDP-Glucose Pyrophosphorylase from <i>Leishmania major</i> . <i>ACS Catalysis</i> , 2013, 3, 2976-2985.	11.2	25

#	ARTICLE	IF	CITATIONS
19	The mitA gene of <i>Aspergillus fumigatus</i> is required for mannosylation of inositol-phosphorylceramide, but is dispensable for pathogenicity. <i>Fungal Genetics and Biology</i> , 2010, 47, 169-178.	2.1	24
20	Depletion of UDP-Glucose and UDP-Galactose Using a Degron System Leads to Growth Cessation of <i>Leishmania major</i> . <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004205.	3.0	24
21	Deletion of UDP-glucose pyrophosphorylase reveals a UDP-glucose independent UDP-galactose salvage pathway in <i>Leishmania major</i> . <i>Glycobiology</i> , 2010, 20, 872-882.	2.5	18
22	<i>Leishmania major</i> UDP-sugar pyrophosphorylase salvages galactose for glycoconjugate biosynthesis. <i>International Journal for Parasitology</i> , 2015, 45, 783-790.	3.1	13
23	Glycobiology of Human Fungal Pathogens: New Avenues for Drug Development. <i>Cells</i> , 2019, 8, 1348.	4.1	13
24	C-Mannosylation of <i>Toxoplasma gondii</i> proteins promotes attachment to host cells and parasite virulence. <i>Journal of Biological Chemistry</i> , 2020, 295, 1066-1076.	3.4	11
25	Characterization of an N-acetylglucosaminyltransferase involved in <i>Aspergillus fumigatus</i> zwitterionic glycoinositolphosphoceramide biosynthesis. <i>Glycobiology</i> , 2015, 25, 1423-1430.	2.5	10
26	<i>Aspergillus fumigatus</i> Cap59-like protein A is involved in α 1,3-mannosylation of GPI-anchors. <i>Glycobiology</i> , 2015, 26, cww078.	2.5	10
27	α -Mannosylation of <i>Toxoplasma gondii</i> proteins promotes attachment to host cells and parasite virulence. <i>Journal of Biological Chemistry</i> , 2020, 295, 1066-1076.	3.4	9
28	Identification of <i>Leishmania major</i> UDP-Sugar Pyrophosphorylase Inhibitors Using Biosensor-Based Small Molecule Fragment Library Screening. <i>Molecules</i> , 2019, 24, 996.	3.8	8
29	Identification, biochemical characterization, and in-vivo expression of the intracellular invertase BfrA from the pathogenic parasite <i>Leishmania major</i> . <i>Carbohydrate Research</i> , 2015, 415, 31-38.	2.3	7
30	Proteoglycan-Dependent Endo-Lysosomal Fusion Affects Intracellular Survival of <i>Salmonella Typhimurium</i> in Epithelial Cells. <i>Frontiers in Immunology</i> , 2020, 11, 731.	4.8	4
31	Characterization of a gene cluster involved in <i>Aspergillus fumigatus</i> zwitterionic glycosphingolipid synthesis. <i>Glycobiology</i> , 0, , .	2.5	3